

U S Army Program Listing as of 9/30/2000

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Program Title.....	Hrs
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Administrative Software Tools and Programs

SmartForceCampus™	x
SmartForceWeb™ 4.11 - Intranet LivePlay™ System.....	x
SmartForcePCM™ - LAN Deployment System	x

End-User Operating Systems and Tools

Basic IT Concepts I.....	3
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Microsoft Windows 2000 Professional: Getting Started***	4
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*Microsoft Windows Millennium Edition: Getting Started.....	tbd
*Microsoft Windows Millennium Edition: Advanced/Power Users	tbd
*Microsoft Windows Millennium Edition: Multimedia.....	tbd
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Microsoft Exchange 4.0: Up and Running	4
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*Novell GroupWise 5: Fundamentals	3
*Novell GroupWise 5: Client Features	3

Microsoft Office 2000 [C] (MOUS)

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Intermediate Access	4
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*Intermediate Project	4
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Microsoft Office 97 [C] (MOUS)

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Word 97 for Power Users.....	4
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Intermediate Access 97.....	4
Advanced Access 97.....	4
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See Lotus Notes & SAP R/3 for other End User programs.

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Microsoft Internet Explorer (Cont.)

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Microsoft Outlook Express	3
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Netscape Communicator 4.0 [C] by Netscape (50-701)

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Internet Business Strategies (600) [C] (50-701)

Internet Business Strategies: Designing a Business Plan	4
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Internet and Intranet Skills: Designing Interactive Web Applications

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Microsoft FrontPage 98 (1009) [C] (70-055)

Microsoft FrontPage 98	5
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Enhancing User Services	4
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Web Authoring and Publishing (654) [C] (50-704)

HTML Documents	4
Web Site Presentation	4
Building Fill-in Forms	4
Web Tools	4

*DHTML Fundamentals	4
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Advanced Web Authoring (655) [C] (50-706)

SSI	4
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JavaScript	4
Java	4

Microsoft VBScript

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Language Basics II	3
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*LDAP	tbd
*DDNS	tbd
*DHCP	tbd

Microsoft VBScript (Cont.)

*ADSI	tbd
*SMTP	tbd
*Kerberos	tbd
*IPSEC	tbd

Microsoft Windows 2000 Script Host

*Automating Administration Tasks.....tbd

JavaScript by Netscape

JavaScript: Language Basics.....4
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*Language Basics.....4
*Style Sheets and Links

NetObjects Authoring Server Suite 3.0

The Authoring Server.....3
TeamFusion Client.....4

Java by IBM/JavaSoft/Netscape

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Java for C++ Developers.....4
Object-Oriented Principles and Java.....4
Introduction to the Java Language.....4
Anatomy of Java Classes4
Java User Interface Programming.....4
Features of Java.....4
Java Security, Networking and the Internet.....4
Java Beans4
Java Database Connectivity4
Java and Distributed Objects.....4
Java Animation and Images4
Java Tips and Techniques4
IBM VisualAge for Java: Getting Started.....4
IBM Network Computing Framework for E-business

Java 2 (IBM089) [C] (310-025)

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Introduction to Creating GUIs

Java Enterprise Connectivity (OB74) [C] (310-025,

IBM482)
Swing and the JFC.....4
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Remote Method Invocation (RMI) and Serialization4
CORBA and the Java IDL4
Servlets4
*Enterprise Java Beans (EJB)4
*Security Features

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Netscape Communicator 4.0 [C] by Netscape (50-701)

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*Enterprise IT Concepts.....3
*Enterprise IT Architecture.....4
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Client/Server Technology4
Client/Server Implementation4
Internet, Intranet, Extranet Technologies

Software Management

The Software Development Process: Principles3
The Software Development Process: Management Practices.....4
*Software Package Selection and Integration.....tbd
*Requirements Engineering Fundamentals4
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Software Engineering: Personal Software Process II4
*Software Metrics: Fundamentalstbd
*Software Metrics: Software Attributes

Project Management [C] (PMP)

Fundamentals.....3
Initiation and Startup3
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Quality3
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Understanding and Applying Internet Concepts:
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 Internet and Intranet Skills: Setting up a Web Site4
 Internet and Intranet Skills: Web Site Administration4
 Internet and Intranet Skills: Web Site Security4
 Internet and Intranet Skills: Designing Interactive
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Microsoft ActiveX Technologies

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Data Communications: Signals and Systems.....5
Cisco ICND: Internetworking Overview I.....3
Cisco ICND: Internetworking Overview II.....3
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Desktop Operating Systems

Essentials of Windows 955
Microsoft Windows 98 New Features – An Overview

Enterprise Operating Systems

Enterprise Operating System Principles.....5
Enterprise Operating System Technologies4
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Systems and Database Management

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Application Development and Programming

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*Microsoft Windows 2000 Implementing a Network Infrastructure: Security	tbd
*Microsoft Windows 2000 Implementing an Active Directory Infrastructure: Security and Management	3
Microsoft Windows 2000 Active Directory Design: Directory Services Security.....	3
*Microsoft Windows 2000 Security Design: Security Solutions	tbd
*Microsoft Windows 2000 Security Design: Auditing Policies and Delegation	tbd
*Microsoft Windows 2000 Security Design: PKI	tbd
*Microsoft Windows 2000 Security Design: Network Services.....	tbd
*Microsoft Windows 2000 Security Design: Communication	tbd
Microsoft Windows NT: Subsystems, Objects and Security	4
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Solaris 2.5.1.System Administration: User Setup and Security	5
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Novell NetWare 5 Administration: File System Security Management	4
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Novell NetWare 5 Advanced Administration: Securing and Maintaining NDS	3
Novell NetWare 5 Integrating NetWare and Windows NT: Managing Security and Multiple Domains.....	4
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IntraNetWare – NetWare 4.11 Administration: Configuring File Systems Security	4
IntraNetWare – NetWare 4.11 Advanced Administration: NDS Security.....	3
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*Java Enterprise Connectivity: Security Features	3
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Implementing and Supporting Microsoft IIS 3.0: NT Server Security Features.....	4
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Netscape Enterprise Server 3.0: Security	4
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Lotus Notes Domino 4.5: Web Server Security	4
Web Server Management: Managing the NetWare Web	4

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Microsoft Proxy Server 2.0: Security.....	3

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Lotus Notes Domino 5.0 Application Development - Application Security and Workflow: Server, Workstation, and Database Security	3
Lotus Notes Domino 5.0 Application Development - Application Security and Workflow: Securing and Troubleshooting Design Elements	4
*Oracle8i Network Administration: Troubleshooting and Security	3
Managing and Optimizing INFORMIX-OnLine Dynamic Server Databases: Database Security and Integrity	4
Microsoft SQL Server 7.0 System Administration: Security	4
IBM DB2 Universal Database 5.0: Security and Instances	3
Microsoft Visual InterDev: Web Security	3

Personal Computer Technician

Technical Support (A+ Certification) [C] (220-101)	
PC Configuration I.....	4
PC Configuration II	4
PC Diagnostics and Repair	4
Safety and Preventative Maintenance	3
Interaction with Customers	3
Networking Support	4

Technical Support DOS/Windows [C] (220-102)

DOS 6.2	3
Windows 3.1	
Installation and Configuration	5
Application Support	4
Devices and Drivers	5
Networking and Troubleshooting	5
Microsoft Windows 95 - Service and Support	
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Basic Configuration	4
Troubleshooting and Optimization	4

Microsoft Windows 98 - Implementation and Support

Planning and Installation	4
Networking	4
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Network Support Technician

Network Support (Network+ Certification) [C] (NK-N10-001)	
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Knowledge of Network Technology	
Data Communications: Networks and Standards	5
Fundamentals	
Enterprise Operating System Technologies	4
Networking Technologies: The OSI Model Part I	4
Networking Technologies: The OSI Model Part II	5
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LAN Topologies and Techniques	4
Network Operations and Protocols: IEEE 802.5 Token Ring	4
Network Operations and Protocols: IEEE Ethernet, Fast Ethernet, and Gigabit Ethernet	5
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Microsoft TCP/IP on Windows NT 4.0: Introduction to TCP/IP and IP Addressing	4
Microsoft TCP/IP on Windows NT 4.0: Subnetting, IP Routing, and Browsing	5
Microsoft TCP/IP on Windows NT 4.0: WINS	4
Microsoft TCP/IP on Windows NT 4.0: Host Name Resolution	3

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Networking Essentials: Data Transmission	5
Networking Essentials: Data Integrity	3
Networking Essentials: Data Security	3

Hardware

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NetWare 5 Service and Support: Cabling and Network Boards.....	3
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Networking Essentials: Network Troubleshooting	4
Microsoft TCP/IP on Windows NT 4.0: Troubleshooting Microsoft TCP/IP	3
Technical Support: Safety and Preventative Maintenance	3

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Desktop PC Fundamentals	5
Desktop Boxed Products	4
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Server Boxed Products	4
Ethernet Fundamentals	4
Client and Server NICs	3
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Stackable Hubs	3
Bridging and Switching	3
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Designing for Management and Support	4
Network Considerations and Blueprint Documents	2
Network Product Overview	4
Network Design Methodology	4

System Administration

Understanding Microsoft Operating Systems

Microsoft Windows NT:	
Essentials	3
Upgrading	3
Architecture	4
Subsystems, Objects and Security	4
Managing Processes and Memory	4
I/O and Networks	4

Microsoft Networking Essentials (578) [C] (70-058)

Certification exam to be retired 12/31/00

Network Types	3
Network Linkage	3
Network Adapter Cards	3
Networking Models and Drivers	3
Data Transmission	5
Network Architectures	4
Network Operating Systems	3
Implementing Network Applications	3
Administration Issues	3
Data Security	3
Data Integrity	3
WAN Components	3
WAN Transmission Principles	3
Advanced WAN Technologies	4
Network Troubleshooting	4

Microsoft Windows 98 - Implementation and Support (955) [C] (70-098)

Planning and Installation	4
Internet and Intranet Technologies	5
Managing Disks and File Systems	5
User Profiles and System Policies	4
Security	3
Internet Explorer 4.0 Security	4
Networking	4
Integration with a Microsoft Networking Environment	3
Integration with a NetWare Networking Environment	3
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Printing	4
Configuring the Environment	4
Performance Tuning and Optimization	4
Troubleshooting	4

Microsoft Windows 95 - Service and Support (798) [C] (70-064)

Certification exam to be retired 12/31/00

Installation and Deployment	4
Basic Configuration	4
Managing Disks	4
Running Applications and Printing	5
Configuring Network Components	3

Integration with NT and NetWare	4
Managing User Profiles and System Policies	3
Mobile Support	3
Internetworking	3
Troubleshooting and Optimization	4

Microsoft Windows 2000 Core Technologies (2151) [C]

*Network Technologies	tbd
*TCP/IP	tbd
*Internet Technologies	3
Microsoft Windows 2000	
*Network Protocols and Remote Access	4
*Group Policy	5

Installing, Configuring and Administering Microsoft

Windows 2000 (2152) [C] (70-210,70-215)

Microsoft Windows 2000 Update	
New Features and Architecture	4

Microsoft Windows 2000 Installation and Administration

Installation	4
Administration	3
Users	3
Groups and Terminal Services	3
*Files and Folders	4
Advanced File and Folder Management	3
*Hardware Configuration and Optimization	5
*Storage and Printing	5
Events	3
*Backup and Recovery	3
Microsoft Windows 2000	
*Network Protocols and Remote Access	4
*Group Policy	5

Implementing and Administering a Microsoft

Windows 2000 Network Infrastructure (2153) [C] (70-216)

Microsoft Windows 2000 Implementing a Network Infrastructure

*DHCP, DNS, WINS	tbd
*IP Routing	tbd
*Security	tbd

Microsoft Windows 2000

*Network Protocols and Remote Access	4
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Implementing and Administering a Microsoft Windows 2000 Directory Services Infrastructure (2154) [C] (70-217)

Microsoft Windows 2000 Implementing an Active Directory Infrastructure

*Installation and Configuration	3
*Replication and DNS	2
*Security and Management	3

Microsoft Windows 2000

*Group Policy	5
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Microsoft Windows 2000 Active Directory Design (1561) [C] (70-219)

Directory Services Infrastructure	4
Directory Services Security	3
Schema and Replication	4

Microsoft Windows 2000 Security Design (2150) [C] (70-220)

*Security Solutions	tbd
*Auditing Policies and Delegation	tbd
*PKI	tbd
*Network Services	tbd
*Communication	tbd

Microsoft Windows 2000 Network Design (1562) [C] (70-221)

Networking	4
*Addressing and Naming Services	4
*Remote Access Service	4
*Routing Technologies	4
*Remote Connectivity	4

Microsoft Windows 2000 Migration Design [C] (70-222)

*Upgrade and Migration Strategies	4
*Deployment	5
*Restructuring	tbd

Microsoft Windows 2000 Clustering [C] (70-223)

*titles to be determined

Microsoft Windows 2000 Update [C] (70-240) **

New Features and Architecture	4
Installation and Upgrade	4

The Active Directory	3
Configuration	3
Network Protocols and Services	5
Storage and File Systems	5
Group Policy and Terminal Services	4

** Note that exam 70-240 covers the same content areas as exams 70-210, 70-215, 70-216 and 70-217 combined. While the Update program will help prepare existing NT4 MCP students for exam 70-240 in fasttrack mode, those students should also register for mentoring, and have gained more in-depth knowledge of Windows 2000 from experience with the product itself. Otherwise, for full 70-240 exam objective coverage, students should take all the content relevant to the four exams. This exam will be retired 12/31/00.

Microsoft Windows NT 4.0 Server, Workstation, Enterprise (803, 922, 689)[C] (70-067, 70-068, 70-073)

Certification exams will be retired 12/31/00

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Managing Printing	4
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NT Workstation Networking and Interoperability	8
Running Applications	6
Installing and Upgrading NT Server	5
Configuration and Administration	6
Directory Services	5
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Implementing TCP/IP	5
Name Resolution	5
Advanced Networking, Printing and Integration	6
Advanced Troubleshooting and Optimization	4

NT 3.5x to 4.0 Upgrade

Upgrade	5
Networking Upgrade	4

Support Fundamentals for Windows NT 3.5x

Basic Configuration	8
File Systems, File Resources and Security	8
The Networking Environment	5
Remote Access Service	4
Printing from Windows NT	4
Troubleshooting	6

Supporting Windows NT Workstation 3.5x

Installing and Upgrading	8
Interoperability	6
Running Applications	6
Optimizing for Performance	4

Supporting Windows NT Server 3.5x

Installing and Upgrading	8
Configuration and Administration (=)	8
Implementing and Managing Domains	8
Interoperability	8
Migration from Novell NetWare	3
Implementing TCP/IP	4
Using Windows NT Browser	2
Optimizing for Performance	6

Microsoft IIS 5.0 [C]

*content in planning	tbd
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Implementing and Supporting Microsoft IIS 4.0 (936) [C] (70-087)

Certification exam will be retired 12/31/00

Overview and Installation	4
Configuring the WWW and FTP Services	4
Configuring the SMTP and NNTP Services	4
Name Resolution	4
Security	4
SSL and Certificate Server	4
Web-Site Applications and Publishing	4
Transaction Server	4
Index Server	4
Managing IIS	4
Optimizing and Troubleshooting IIS	4

Implementing and Supporting Microsoft IIS 3.0 (826)

Internet Concepts and Services	4
Planning, Installation, and Configuration	3
The WWW Service	3

FTP and Gopher Services	4
Name Resolution	4
NT Server Security Features	4
IIS Security Features	3
IIS Extensions	4
Components of IIS 3.0	3
Tuning, Optimizing, and Troubleshooting	5

Microsoft TCP/IP on Windows NT 4.0 (688) [C]

(70-059)

Certification exam will be retired 12/31/00

Introduction to TCP/IP and IP Addressing	4
Subnetting, IP Routing, and Browsing	5
DHCP	3
IP and NetBIOS Resolution	3
WINS	4
Host Name Resolution	3
DNS Server	4
Connectivity in Heterogeneous Environments	4
Microsoft SNMP Services	4
Performance Tuning and Optimization	3
Troubleshooting Microsoft TCP/IP	3

Microsoft Exchange Server 2000 [C] (70-224, 70-225)

*Overview	3
*Active Directory Integration	3
*Installing Exchange 2000	3
*Deploying Exchange	3

Microsoft Exchange Server 5.5 (1026, 973, 869) [C]

(70-081)

Basic Concepts	3
Planning and Design Considerations	3
Installing and Getting Started	3
Configuring Exchange Components I	5
Configuring Exchange Components II	4
Client Architecture and Installation	4
Public Folders and Forms	4
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Migrating from Microsoft Mail	4
Advanced Security and Monitoring	3
Troubleshooting	3
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Microsoft Exchange Server 5.0 (771, 869) [C] (70-076)

Certification exam will be retired 12/31/00

Basic Concepts	3
Planning and Design Considerations	3
Installing and Getting Started	3
Configuring Exchange Components I	5
Configuring Exchange Components II	4
Client Architecture and Installation	4
Public Folders and Forms	4
Connectors	4
Internet Integration	4
Migrating from Microsoft Mail	4
Advanced Security and Monitoring	3
Troubleshooting	3

Microsoft Proxy Server 3.0

*content under planning	tbd
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Microsoft Proxy Server 2.0 (836) [C] (70-088)

Overview and Architecture	3
Planning and Installation	3
Configuration	4
Security	3
Troubleshooting and Optimizing	4

Supporting Microsoft Proxy Server 1.0 (664) [C]

(70-078)

Certification exam will be retired 12/31/00

Overview and Architecture	3
Planning and Administration	3
Configuration	3
Optimizing Performance	3

Microsoft BackOffice SBS 2000

*content in development	tbd
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Microsoft BackOffice Small Business Server 1.0

Planning and Installation	3
Up and Running	5
Internet Technologies	3
Fax Services and Optimization	3

Microsoft Site Server 3.0 [C] (70-056)

*expect about 8 titles	tbd
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Microsoft Site Server 3.0: E-commerce Edition

*expect about 4 titles.....tbd

Program Title.....Hrs**Microsoft Internet Explorer 5.0 (1400) [C] (70-080)**

Technologies.....	4
Getting Started with Internet Explorer 5.0	4
Up and Running with Internet Explorer 5.0.....	4
Administration Kit - Planning	4
Administration Kit - The CMAK Wizard	4
Administration Kit - The IEAK Wizard.....	4

Microsoft Internet Explorer 4.0 (1203) [C] (70-079)

Certification exam will be retired 12/31/00	
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Getting Started with Internet Explorer 4.0	3
Up and Running with Internet Explorer 4.0.....	3
WebCasting and Active Desktop	3
NetMeeting Internet Collaboration Tool.....	3
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Administration Kit - Planning	4
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Microsoft Systems Management Server 2.0 (828)**[CL(70-086)]**

Overview.....	3
Installing a Site	4
Multiple Site Configuration.....	4
*Software Distribution and Metering.....	3
Hardware and Software Inventory.....	3
*Querying and reporting Data.....	3
*The Status System	4
*Network and Diagnostic Tools.....	3

Microsoft Systems Management Server 1.2 (732) [C]**(70-018)****Certification exam will be retired 12/31/00**

Overview.....	3
Planning	3
Setting up a Primary Site	5
Inventory Collection.....	4
Managing and Querying the Database	4
Remote Control and Monitoring	4
Software Distribution and Workstation Packages	3
Installation Scripts and Shared Applications	3
Intersite Communication	3
Simple Network Management Protocol	3
Monitoring and Optimization.....	4

LiveWire by Netscape

Introducing LiveWire	4
Managing Web Sites with LiveWire.....	4

Netscape Enterprise Server 3.0

Planning, Installation, and Configuration.....	4
Web Server Content	4
Managing Applications	4
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EU: Basic Order Processing	5
EU: Advanced Order Processing	5
EU: Delivery Processing	3
EU: Billing	4
EU: Customer Invoice and Payment Processing	5
BPI: Procurement	5
EU: Purchase Requisitioning	4
EU: Purchase Processing	4
EU: Vendor Invoice Processing I	3
EU: Vendor Invoice Processing II	4
EU: Inventory Management	3
EU: Goods Receipt	4
BPI: Financial Accounting	4
EU: General Ledger - Inquiry and Reporting	3
EU: General Ledger Processing	4
EU: Asset Management	5
BPI: Management Accounting	4
EU: Profit and Cost Reporting	5
BPI: Human Resources	5
EU: Employee Management	5